



# California Public Safety Broadband Statewide Planning

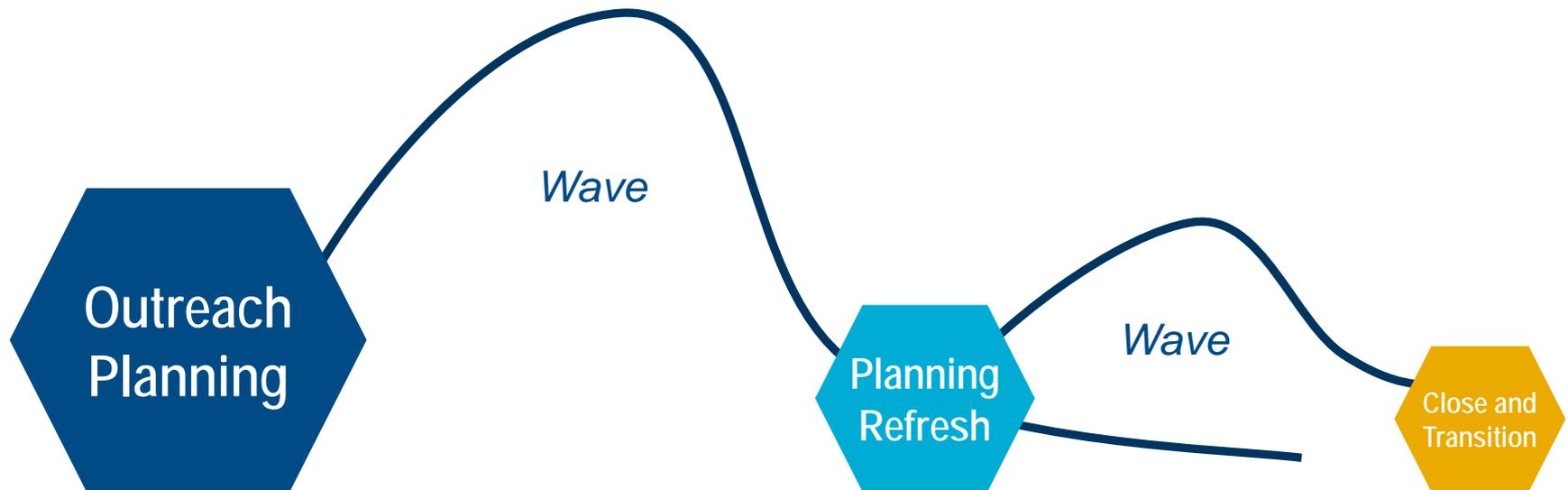
California First Responder Network Board of Directors Meeting  
Outreach Planning Update  
August 26, 2014 - v4

- **Plan and Progress**
- **Recent and Upcoming Events**
- **Looking Ahead**

# Education and Outreach Plan

# Outreach Wave Approach

14-AUIA-HHUA-SO-111



Outreach approach features successive waves to reduce risk, improve effectiveness, and increase outreach quality



## Revised Town Hall Schedule

- **Lakeport – Wed., 7/16** **COMPLETE**
- **Bakersfield – Wed., 8/13** **COMPLETE**
- **Fairfield – Wed., 9/24**
- **Santa Ana – Tues., 9/30**

# More Education and Outreach Activities

- **Issued FirstNet in California Survey**  
Questions include
  - How do you use mobile data today?
  - What are your priorities?
  - How many users?
- **Coordinated DHS OEC Broadband Consultation Prep Workshop**
  - 8/26, 10860 Gold Center Dr., Rancho Cordova (Sacramento)
  - 9:00 – 10:00 CalFRN Board Meeting
  - 10:15 – 4:00 Workshop

The Department of Homeland Security, Office of Emergency Communications  
The California Governor's Office of Emergency Services Public Safety Communications

## PUBLIC SAFETY BROADBAND CONSULTATION PREP WORKSHOP

TUES. 08.26.14 | 9:00AM - 4:00PM

California Department of Technology | Training & Education Center  
10860 Gold Center Dr., Ste. 100 | Rancho Cordova, CA 95670



**Participate in the Success of California's Dedicated Public Safety Broadband Network!**

Don't miss your chance to provide valuable input on California's incoming consultation process! FirstNet was created by Title VI of the Middle Class Tax Relief and Job Creation Act of 2012. The law includes provisions to fund and govern a nationwide public safety wireless broadband network.

- Learn about OEC's coverage baseline, national trends, users and future network service
- Provide critical input on California's unique needs and challenges in rural, urban and tribal lands
- Meet California's governance board—the California First Responder Network Board of Directors

This workshop is for first responders, IT directors, public safety officials and administrators, telecommunications technical experts, military, (army, navy, & coast guard) border patrol, port authority, private industry, tribal and federal entities.



**FirstNet Vision**

To provide emergency responders with the first nationwide, high-speed, wireless broadband network dedicated to public safety

**REGISTER NOW | SPACE IS LIMITED TO FIRST 100 REGISTRANTS**  
Register by email [CalFRN@caloes.ca.gov](mailto:CalFRN@caloes.ca.gov) or phone at 916-657-9172

For more information contact FirstNet in California at:  
[CalFRN@caloes.ca.gov](mailto:CalFRN@caloes.ca.gov) | 916-657-9466 | 916-657-9172

# Refining the Process

- Documented Lessons Learned from first town hall in Lakeport, including
  - Invites, venue, AV and Internet, agenda
  - Speakers, panel members, content
- Established town hall themes, adding intro videos from FirstNet
  - Fire, EMS, law enforcement
- Developed outreach materials
  - CalOES NPSBN Fact Sheet
  - Cal OES SLIGP Fact Sheet
  - FirstNet in California infographic

## FirstNet by the Numbers

### VISION

To provide emergency responders with the first nationwide, high-speed, wireless broadband network dedicated to public safety

**THE LAW**  
**2.22.12**  
 FirstNet becomes Law  
 PL 112-96

**FUNDING**  
**\$7B** authorized to build the FirstNet Network. Funded by spectrum auctions through 2022. The first auction netted

### GOVERNANCE

FirstNet Board of Directors: **15** members have backgrounds in police, fire, sheriff, emergency medical, city government, and commercial telecommunications. Governor appoints **1** single Point of Contact and governing body to represent the state's interests to FirstNet. **41** member Public Safety Advisory Committee (PSAC) advises FirstNet on public safety intergovernmental matters.

**\$1.6B** authorized to build the FirstNet Network. Funded by spectrum auctions through 2022. The first auction netted **20MHz** of bandwidth has been dedicated to public safety in the prime **700MHz** frequency range.

### WHO WILL USE FIRSTNET

**5.4 Million** Potential FirstNet public safety users nationwide



FirstNet must provide service in all **50** US states, **5** territories, and Washington, DC.

### THE COVERAGE CHALLENGE

FirstNet coverage challenge: geography is divided into 5 categories. Dense urban, urban and suburban are where most people live, but make up only 5% of the US land mass.



### FIRSTNET NETWORK

To meet this challenge, FirstNet is considering a 3-in-1 network architecture using land-based cellular, satellite and deployable systems to provide coverage.

**4G LTE is 10x** faster than 3G wireless service

### 2014-2016

Business plan  
 Outreach and awareness  
 Collect local data and design network  
 Develop and award supplier RFP  
 Establish network core

### THE ROAD TO FIRSTNET

### HOW MUCH WILL IT COST?

To offer public safety grade services at a cost that's competitive and compelling to users.  
 - FirstNet Tenet

**2016+**  
 Governor reviews design offer and opts in or out of FirstNet network deployment  
 Integrate Next Generation 9-1-1

**2022**  
 Last spectrum auction  
 Network substantially in operation

### FirstNet in California

For more FirstNet facts visit: [www.firstnet.gov](http://www.firstnet.gov)

Major Sources: Public Law 112-96, "Middle Class Tax Relief and Job Creation Act of 2012." Further re found in Title XI of PL 112-96, entitled "Public Safety Communications and Emergency Services Act." House, L. 112th March 19, The First Responder Network and Next-Generation Communications for Public Safety, Issues for Congress, Congressional Research Service (CRS).

This poster was prepared by SAC under contract with the Oregon Department of Transportation using funds under award 41-10-012041 from the National Transportation and Infrastructure Administration (NTIA), U.S. Department of Commerce (DOC). The information, findings, conclusions, and recommendations are those of the author(s) and do not necessarily reflect the views of the NTIA, DOC, or FirstNet.



# Recent and Upcoming Events

## • Lakeport Town Hall

- 7/16, well attended, filled hall. 54 in-person, 50 online attendees
- General focus. Attendance included law enforce, fire, EMS, telecom mgr, national guard, tribal
- Video on YouTube:  
<http://youtu.be/5Yx68eqCNt0>

## • Bakersfield Town Hall

- 8/13, 63 in-person, 29 online
- Fire service theme
- Attendance included law enforcement, EMS, CSU, tribal, comms mgr, probation, Cal SIEC
- Video on YouTube:  
[http://youtu.be/TSFg\\_sySwJ4](http://youtu.be/TSFg_sySwJ4)



# Conferences and Meetings

- **San Bernardino County Operational Area Coordinating Council (OACC)**
  - 8/7, Rancho Cucamonga. OACC consists of EM reps for 24 cities/towns
  - Approx. 30 attendees, included emergency mgrs, SoCal Edison, USMC, Red Cross
  - Patrick Kempker, SAIC SoCal team member, presented
- **Northern California APCO**
  - 8/14, Vacaville, well attended. Engaged audience, asking lots of questions.
  - Videotaped and will be posted on APCO site
  - Online President's Message featured Lakeport
  - Western Region APCO – Sacramento, April 2015
  - Presenters: Mike Boyden, SAIC, and Hector Rodriquez, Cal OES



# Upcoming Events

## Town Halls scheduled for September are:

- **Fairfield Town Hall**

- Wed., 9/24, 10:00 – 12:30
- Solano County Event Center, 601 Texas St.
- Theme: EMS/telemedicine

- **Santa Ana Town Hall**

- Tues., 9/30, 10:00 – 12:30
- Santa Ana PD, 60 Civic Center Plaza
- Theme: Law enforcement





# Looking Ahead

# FirstNet Timeline

## 2014-2016

Roadmap  
Outreach and awareness  
Collect local data and design network  
Develop and award comprehensive RFP  
Establish network core

## THE ROAD TO FIRSTNET

## 2016+

Governor reviews design offer and opts in or out of FirstNet network deployment  
Integrate Next Generation 9-1-1

## 2022

Last spectrum auction  
**Network substantially in operation**

**SAIC**

# Next Steps for CalFRN

In planning and performing outreach in California, we need CalFRN members' support to

- Encourage town hall participation
  - Spread the word
  - Your staffs and peers
  - In person or online
- Encourage survey participation
  - A good way to begin thinking about your area's coverage needs
- Will be asking you for input regarding conferences and speaking events
  - Vet and prioritize conference list
  - Top 3-5 recurring events attended by your stakeholders



# Questions

- **Greg Hamilton, PMP | SAIC**  
Senior Program Manager  
mobile: 916-549-9732  
[hamiltong@saic.com](mailto:hamiltong@saic.com) | [saic.com](http://saic.com)
  
- **Mike Boyden, PMP, PE | SAIC**  
Program Director  
mobile: 925-984-9082  
[mike.boyden@saic.com](mailto:mike.boyden@saic.com) | [saic.com](http://saic.com)